

AGR 1050: Plant Propagation

Assignment

There are 3 parts to this assignment:

Part A – Project

Part B – Create a Personal Inventory

Part C – Connect to an Occupation

* Part A will need to be saved and uploaded as a separate document. However, Parts B & C can be completed on this Word document, saved and also uploaded. Once all parts of the assignment have been uploaded, you can click on “Submit”.

TOTAL MARKS:

Comments		
Part A	/45	
Part B	/15	
Part C	/20	
TOTAL	/80	

Part A - Project /45 marks

For this assignment, you will choose a plant, and then follow it from starting it indoors to preparing it for transplanting to an outdoor location. Follow the steps below to complete the assignment. You will have a choice of how you choose to present this part of the assignment.

Steps to this project can also be found in the course content: Unit 1, Section 7.

Type your answers between the <>; they will expand as you type.

Step 1: Choose a specific gardening or greenhouse plant; it can be any type of plant, but must be one that can be started indoors or in a greenhouse, and then prepared for transplantation to the outdoors.

My choice of plant, for this assignment, is <> /2 marks

Step 2: Choose your method of presenting this assignment. Ideally, it would be best to do this project in “hands-on” fashion, but it may not be possible due to time constraints or the season.

Therefore, you have three choices for completing this project:

- a) **Hands on**, which you will document in a report; it should include information under all nine headings below and include pictures where appropriate. It should be typed and double-spaced.
- b) **PowerPoint** presentation on the development of your plant; you should have a minimum of nine slides, one for each of the headings and include pictures.
- c) **Scrapbook** showcasing the development of your plant. Ensure that all pictures are clearly labelled and that headings are clearly indicated. Take a digital picture of your scrapbook or mail to your nearest Alberta Distance Learning Centre office.

Note: You do not need to actually grow the plant if you choose either b or c, although you will need to do additional research. If you choose to actually grow the plant, you may choose either a, b, or c as a method of presenting your research.

My method of presentation, for this assignment is < > /2 marks

Step 3: Follow the development of your plant using the headings provided below. Your project must include information under each of the following nine headings:

- a. Identify the needs (water, light intensity and duration) of the plant you selected. /4 marks
- b. Choose the best growing medium (soil, water) and, your reasons for this choice and the type of container in which to start your plant. /4 marks
- c. Choose an appropriate method of propagation for your plant i.e. seeds, cuttings, layering, grafting, etc. /4 marks
- d. Maintain the plant by providing optimum conditions (e.g., temperature, watering, etc.) and discuss the manner of transplanting from one pot to another when necessary. /4 marks
- e. Discuss the hardening off techniques to prepare your plant for outdoor planting, including length of time required for the plant to become hardened. /4 marks

- f. Transplant your potted plant into a garden or yard setting when appropriate.
/4 marks
- g. Identify common diseases, pests, deficiencies, and ailments of the plant as it grows in its new setting and the treatment, control, and prevention of these.
/4 marks
- h. Harvest the plant in an appropriate manner, determining when and how the plant can be picked or cut.
/4 marks
- i. Discuss the advantages and disadvantages of chemical or non-chemical methods of pest and disease control
/4 marks

Overall Appearance

Review your project. Have you used your own words? Have you included pictures? Is the overall appearance easy to follow and understand? **/5 marks**

Congratulations! You have completed Part A.

Save your work as: agr1050projectyourfullname

Part B – Personal Inventory **/15 marks**

Now, it's time to develop **your** personal inventory, which will help you when deciding if a particular career is a good fit for you. Review your personal inventory as you will want to add new skills and experiences and evaluate any changes in your values and interests. Complete the following table; you should have **three items** for each heading. Type your answers between the < >; they will expand as you type.

INTERESTS	INTERESTS I HAVE /3 marks
Things that you enjoy, such as sewing or fixing things.	I like to < > < > < >
VALUES	VALUES I HAVE /3 marks
Things that are important to you, such as friendship or family.	I value < >

	< > < >
TRAITS	TRAITS I HAVE /3 marks
How you describe yourself, such as helpful or strong.	I am < > < > < >
SKILLS	SKILLS I HAVE /3 marks
Things that you have learned to do, such as driving or cooking.	I can < > < > < >
KNOWLEDGE	KNOWLEDGE I HAVE /3 marks
Education, training and volunteer work you have completed or that is in progress, such as grade 9 completed, Green certificate, or library volunteer	I have the following education, training, volunteer experience: < > < > < >

Part C - /20 marks

You have already thought about some of the occupations connected with Plant Propagation. You will now do a more in-depth exploration of a specific career of your choice. Use the [ALIS](http://occinfo.alis.alberta.ca/occinfopreview) website, or one of the websites below, for your research.

<http://occinfo.alis.alberta.ca/occinfopreview>

Or

<https://www2.careercruising.com/main>.

The username is: **bow** and the password is: **valley**

Or

<http://www.jobbank.gc.ca/home-eng.do?lang=eng>

My chosen occupation is: < > /1 mark

Complete the table below; be detailed and specific. (15 marks)

Is a high school diploma required? Are specific high school courses required? If so, what are they?	< > < > /1 mark
Does this career require you to have post-secondary education i.e. college or university? If so, what certificate, diploma or degree is required?	< > < > /1 mark
Where, specifically, can you acquire the above certification? Name at least one educational institute.	< > /1 mark
What additional training is required or recommended for this career?	< > /1 mark
What are the duties and responsibilities of someone working in this career? Name 3 duties/responsibilities.	< > < > < > /3 marks
What skills do you need to have when working in this career? Name 3 skills.	< > < > < > /3 marks
What are the working conditions i.e. outdoors, in an office, shiftwork, etc.?	< > /1 mark
What is the employment outlook for this	< >

<p>career choice?</p> <p>Will there be jobs available in the future? Why or why not?</p> <p>Support your answer with information from the websites.</p>	<p>< ></p> <p>< ></p> <p>/3 marks</p>
<p>What is the average hourly wage or salary for this career?</p>	<p>< ></p> <p>/1 mark</p>

Reflection Questions

From the information you gathered, answer the following questions; please answer in full sentences.

1. How did this career exploration influence you career-wise?

< > **/2 marks**

2. Compare your personal skills to the skills required for this occupation. Do you have the skills needed? If not, what can you do to obtain those skills?

< > **/2 marks**

Congratulations! You have completed the Assignment.

Save your work as: agr1050assignmentyourfullname

You can now upload your Assignment.

If you have any questions, please contact your teacher.